

Decision Support Briefing

Southeast River Forecast Center



Decision Support Briefing



Issued: 1:26 PM ET Monday, February 13, 2023



Weather Ready Nation



NWSSERFC



@NWSSERFC



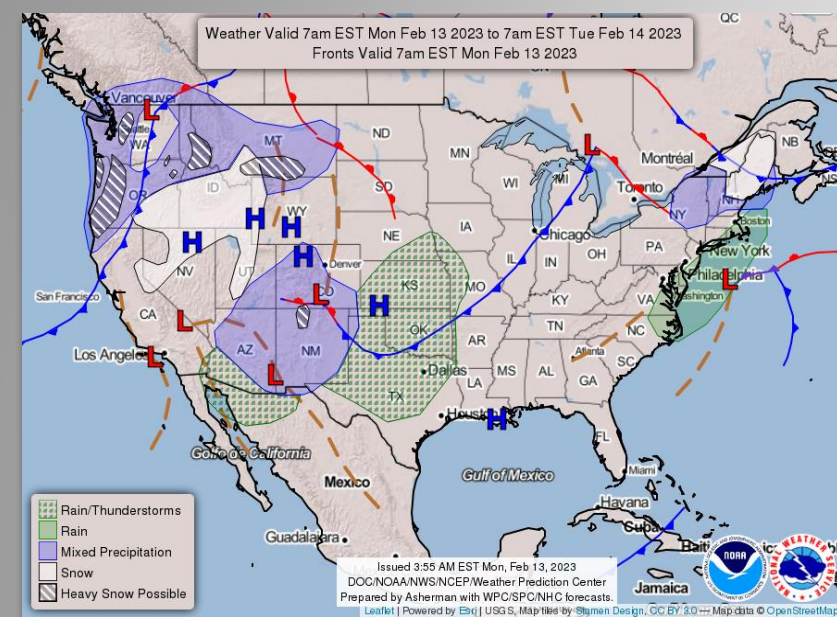
- **After a short break in the rain today, rain moves back into the area late Tuesday and spreads across the Southeast through the end of the week.**
- **Forecasted moderate to heavy rain in northeast MS, northern AL and GA, and the upstate Carolinas could again introduce the risk of bankfull conditions and scattered minor flooding.**
- **Flood waves continue to route down major rivers below the Fall Line in AL, GA, and SC as a result of last weekends rainfall.**
- **Please check back often for updates to forecasts that could impact communities in your area.**

Latest Weather Condition

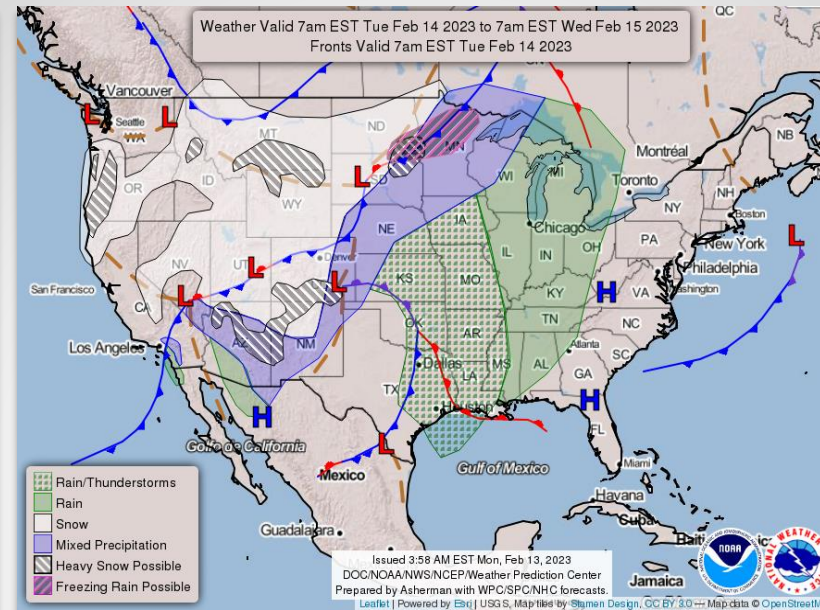
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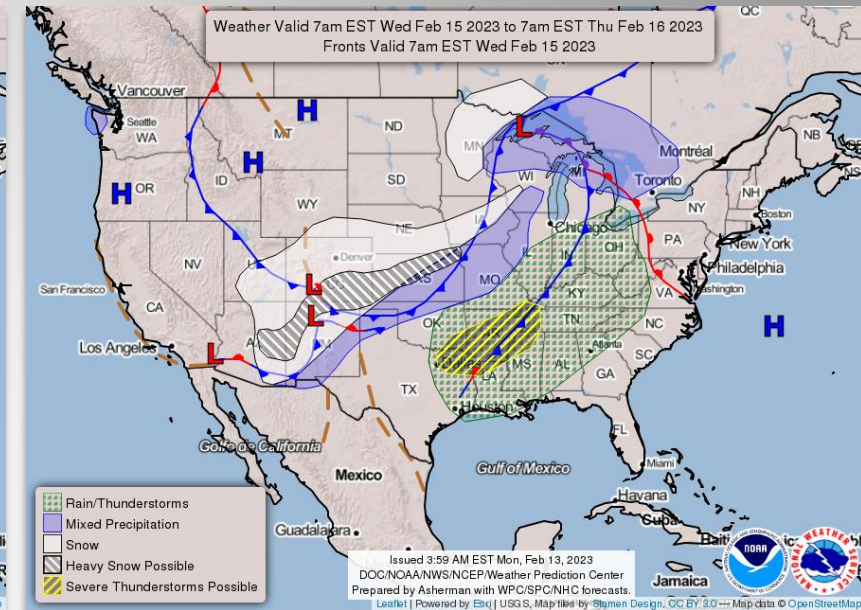
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Monday



Tuesday



Wednesday

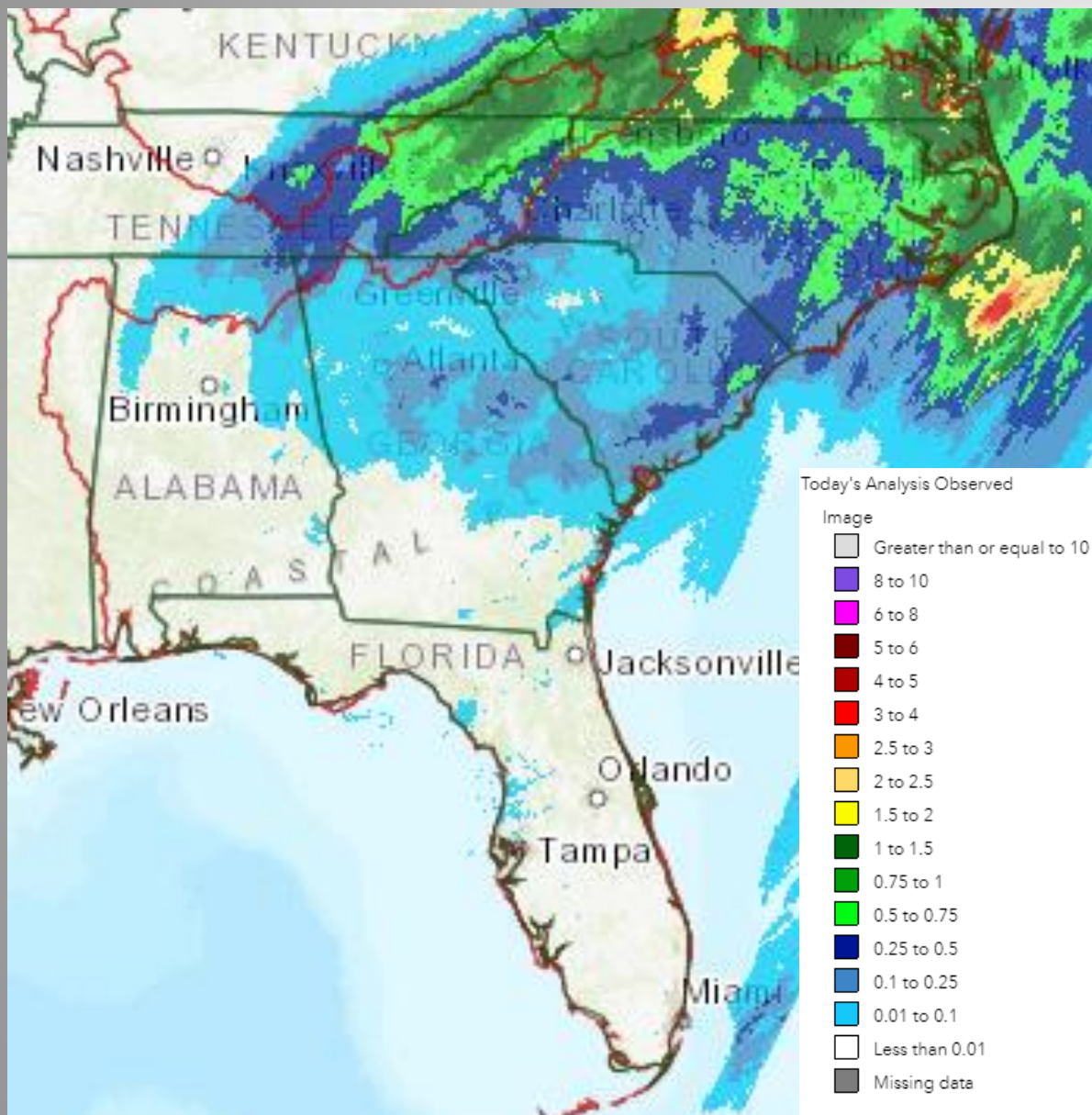
The area is experiencing a short break between rainfall events, giving rivers a short time to recover. Another system approaching the Southeast will bring more rainfall later this week.

24 – Hour Precipitation

Ending at 7 am this morning

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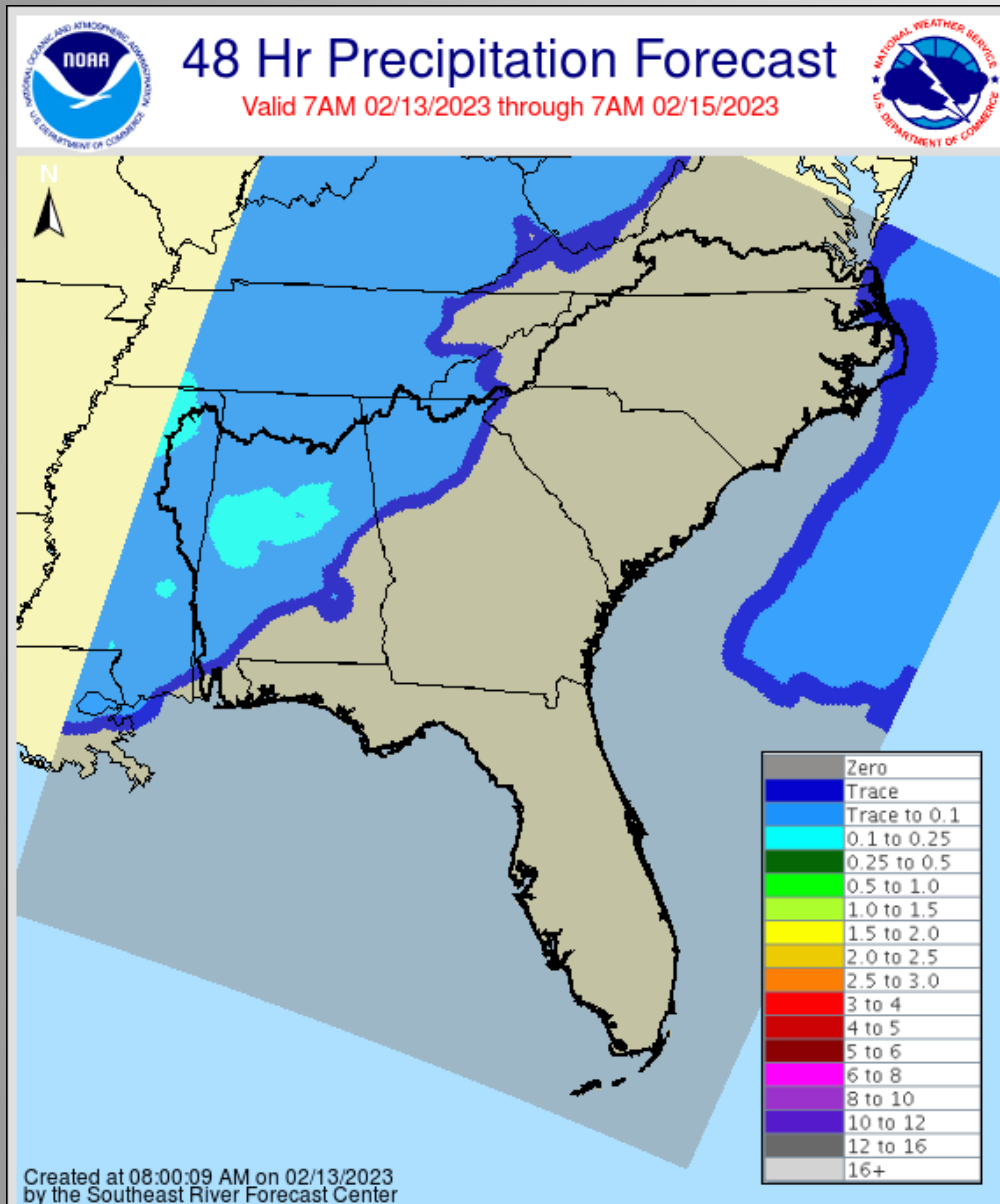


The Carolinas picked up rainfall yesterday into today, as the low moved off the US Atlantic Coast. Dry weather continues for the Southeast for the remainder of the day and early tomorrow.

48-hour Precipitation Forecast

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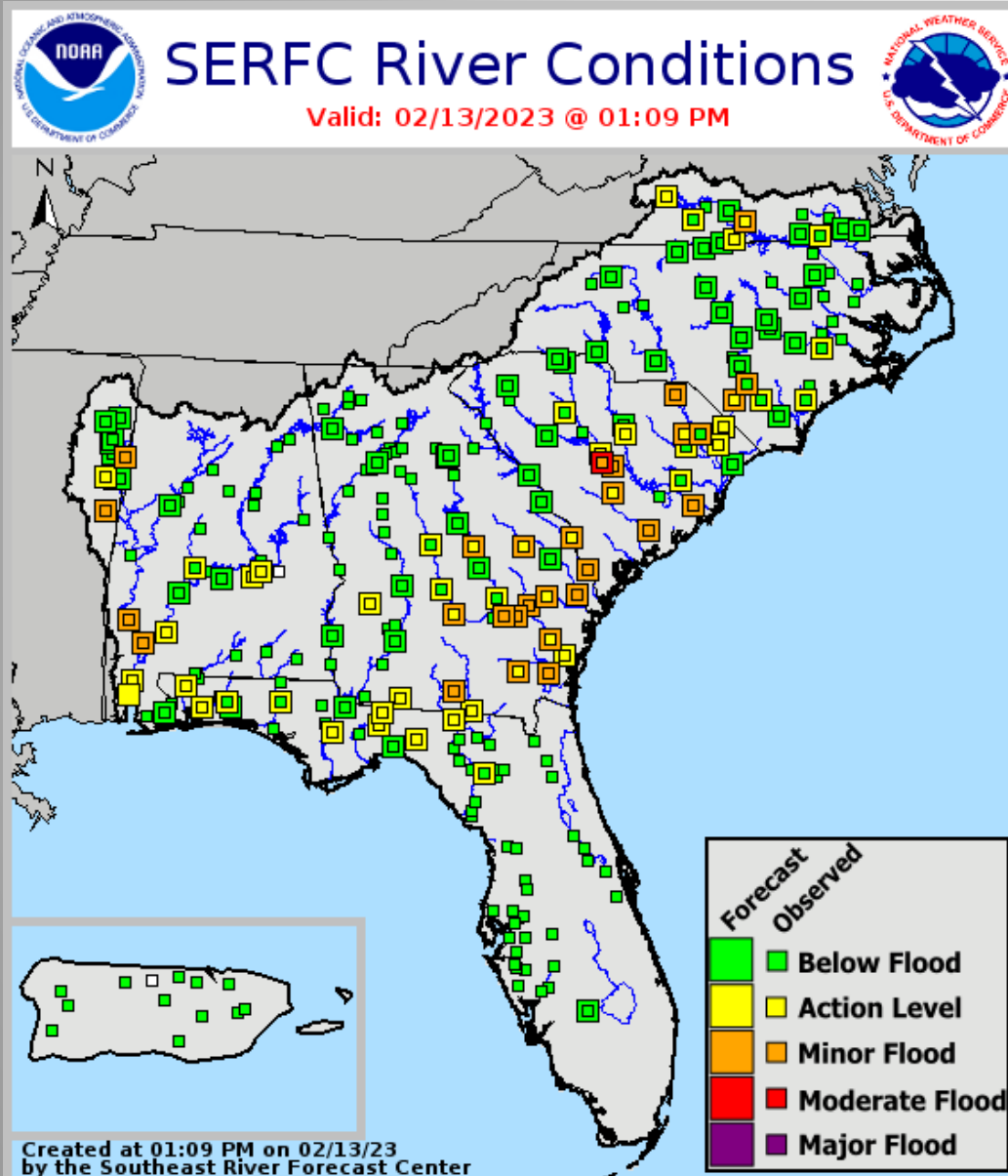
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Here is the 48-hour rainfall forecast that was included in our river forecasts this morning.

Over the next 48 hours much of the area will remain dry. As the newest rainfall event moves eastward, more rainfall will be included in our river forecasts.

The graphic on the following slide shows river forecasts that reflect both past rainfall and the forecasted rainfall shown here.



Here are the river forecasts issued this morning that include a 48-hour rainfall forecast.

Numerous bankfull and minor flood stage forecasts are indicated across much of the SERFC area. One river point is forecast to rise to moderate flood stage.

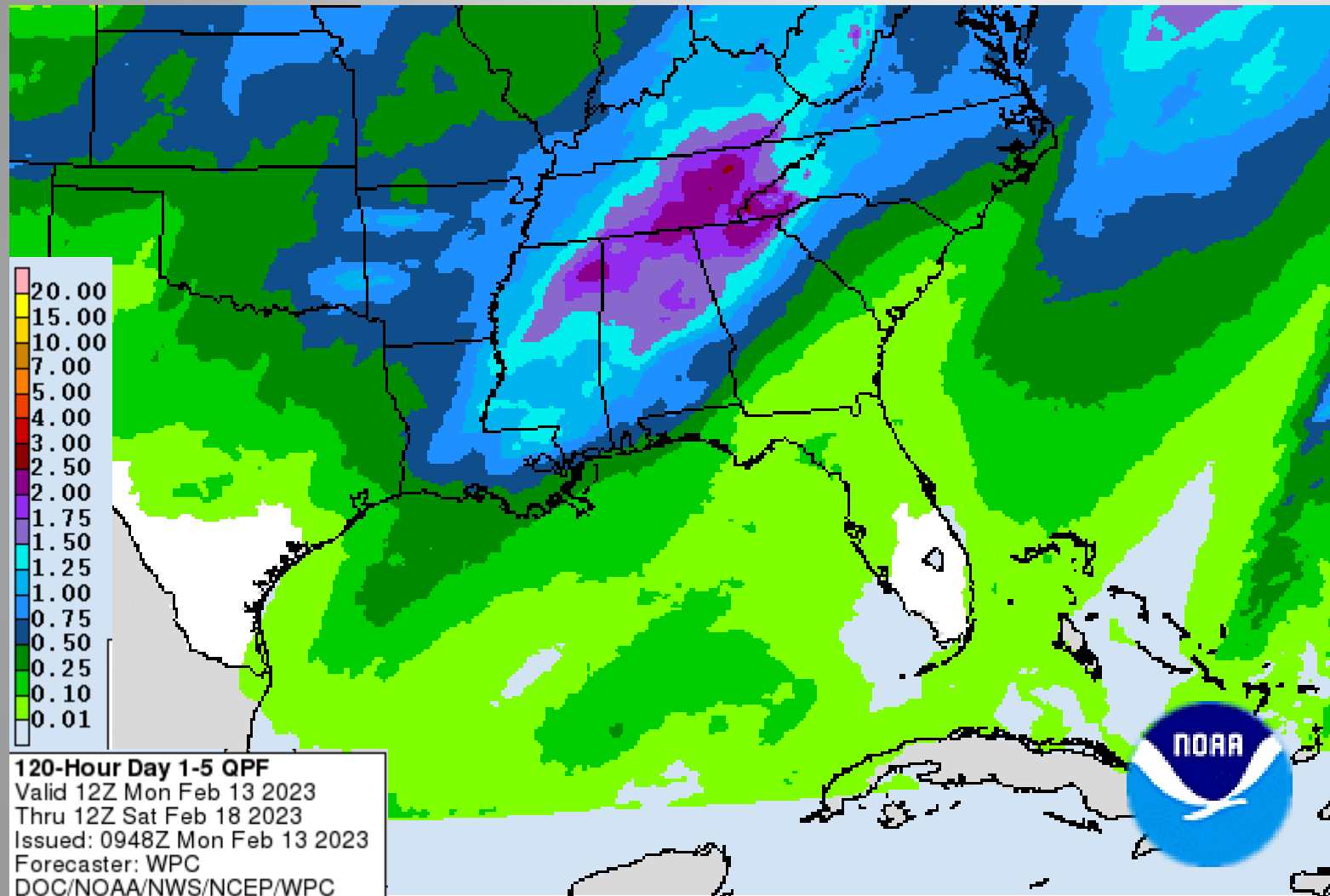
For more detailed information about forecasts in your community, go visit our web page

<https://www.weather.gov/serfc/>

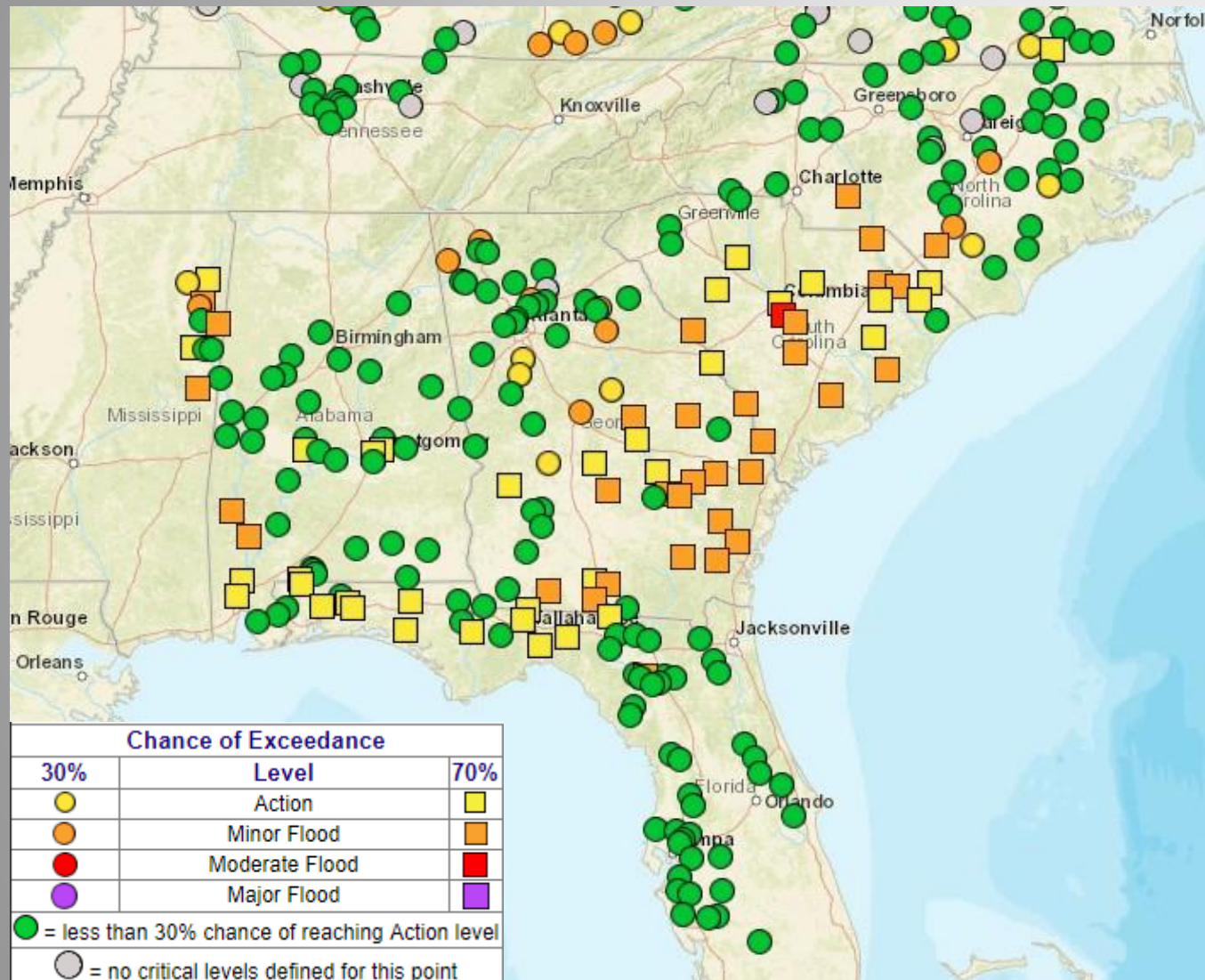
Days 1 thru 5 Precipitation Forecast

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The next Southeast event will occur in the Tuesday thru Friday timeframe with mostly dry weather next weekend. Rivers in northeastern MS, northern AL and GA, and the upstate Carolinas are the most likely to experience bankfull conditions and scattered minor flooding.



The Meteorological Model Ensemble Forecast System (MMEFS), to the left, is using the NAEFS model and addresses uncertainty in the longer lead rainfall forecast that helps to provide a confidence level for potential flooding. The NAEFS runs in our model every 12 hours.

Combining this weekend's rain and our forecast for later this week, there is potential for numerous flood stage rises throughout the southeast U.S. Monitor river forecasts throughout the week as conditions change.

To take a closer look, here is the link to more detailed information:

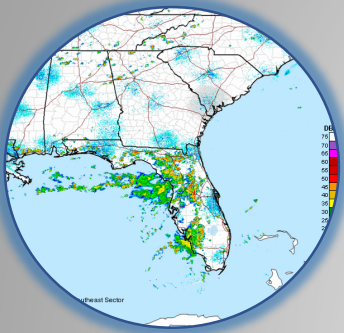
<https://www.weather.gov/erh/mmefs>



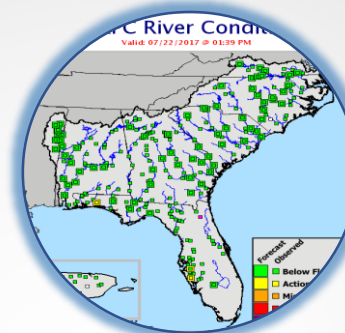
- SERFC is resuming normal operations beginning today (6am – 10 pm ET). Please contact us if you have any questions or concerns.
- The Daily Operational Support message will continue until further notice.

Latest River Stages and Forecasts
are available...click here!

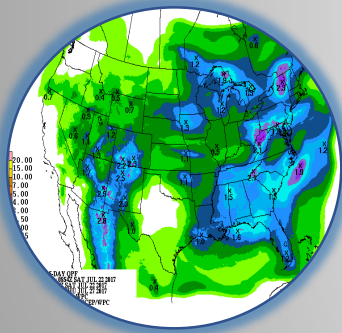
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



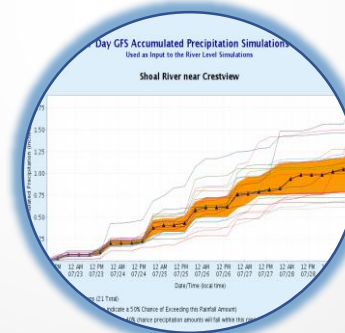
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



- *The Decision Support Briefing will continue until further notice.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*